

Docket No.: 50341-046

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|                                   |   |                                  |
|-----------------------------------|---|----------------------------------|
| In re Application of              | : | Customer Number: 20277           |
|                                   | : |                                  |
| Maxine MCCALL, et al.             | : | Confirmation Number: Not yet     |
| assigned                          | : |                                  |
|                                   | : |                                  |
| Application No.: Not yet assigned | : | Group Art Unit: Not yet assigned |
|                                   | : |                                  |
| Filed: February 28, 2005          | : | Examiner: Not yet assigned       |
|                                   | : |                                  |

For: METHODS FOR THE CHEMICAL AND PHYSICAL MODIFICATION OF NANOTUBES, METHODS FOR LINKING THE NANOTUBES, METHODS FOR THE DIRECTED POSITIONING OF NANOTUBES, AND USES THEREOF

**INFORMATION DISCLOSURE STATEMENT**

Honorable Commissioner for Patents and Trademarks  
Washington, D. C. 20231

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached form PTO-1449. It is respectfully requested that the references be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed with the application and no certification or fee is required.

Copies of the International Search Report and the International Preliminary Examination Report are attached for the Examiner's information. Please note this is a PCT application in the entry of the National Phase in the U.S. and copies of the references cited were transmitted by WIPO and are believed to be in the file of the above identified

Not yet assigned

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DT01 Rec'd PCT/PT 28 FEB 2005

application and readily available to the Examiner. Therefore it is believed that Applicants

have met all requirements regarding duty of disclosure under 37 CFR 1.56.

Acknowledgement and consideration of these documents are respectfully requested.

Respectfully submitted,

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**Date: February 28, 2005**

Please recognize our Customer No. 20277  
as our correspondence address.

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| <b>INFORMATION DISCLOSURE<br/>CITATION IN AN<br/>APPLICATION</b> |  |  |  | ATTY. DOCKET NO.<br><b>50341-046</b>      |  | SERIAL NO.<br><b>Not yet assigned</b><br><div style="font-size: 1.5em; font-weight: bold;">10/526050</div> |  |
| (PTO-1449)   |  |  |  | APPLICANT<br><b>Maxine MCCALL, et al.</b> |  |  |  |
|  |  |  |  | FILING DATE<br><b>February 28, 2005</b>   |  | GROUP<br><b>Not yet assigned</b>   |  |

  

| U.S. PATENT DOCUMENTS |          |   |                                |   |   |  |  |
|-----------------------|----------|---|--------------------------------|---|---|--|--|
| EXAMINER'S INITIALS   | CITE NO. | Document Number<br>Number-Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |  |  |
|                       |          | US 2002/0172963 A1  | 11-21-2002                     | Kelley et al                                    |   |  |  |
|                       |          | US 6,555,362 B2   | 4-29-2003                      | Hidaka et al                                    |   |  |  |
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| FOREIGN PATENT DOCUMENTS |          |   |                                |   |   |                            |   |
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| EXAMINER'S INITIALS      | CITE NO. | Foreign Patent Document<br>Country Code <sup>3</sup> -Number & Kind<br>Codes (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines<br>Where Relevant<br>Figures Appear | Translation<br>Yes      No |   |
|                          |          | WO 97/32571 A1  | 9-12-1997                      | HYPERION CATALYSIS INTERNATIONAL INC            |   |                            | X |
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|                          |          |   |                                |   |   |                            | X |
|                          |          |   |                                |   |   |                            | X |
|                          |          |   |                                |   |   |                            | X |
|                          |          |   |                                |   |   |                            | X |

  

| OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) |          |   |  |
|--|----------|---|--|
| EXAMINER'S INITIALS  | CITE NO. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |  |
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|  |          | STEVENS et al., "Sidewall Amino-Functionalization of Single-Walled Carbon Nanotubes through Fluorination and Subsequent Reaction with Terminal Diamines: Nano Letters 2003, vol. 3, no. 3, pp. 331-336  |  |
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|  |          | LIU et al., "Fullerene Pipes", Science 1998, col. 280, pp. 1253-1256  |  |
|  |          | HARNON et al., "Dissolution of Single-Walled Carbon Nanotubes", Adv. Mater. 1999, 11 no. 10, pp. 834-840  |  |

  

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| EXAMINER | DATE CONSIDERED |
|----------|-----------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.